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OM nucleic - nucleic search, using sw model

Run on: March 23, 2004, 02:46:35 ; Search time 417 Seconds

(without alignments)
7877.334 Million cell updates/sec

Title: US-09-445-480B-1

Perfect score: 888

Sequence: 1 ctaggtctctagcccaaac.....ataatgacaaaaaaaaa 888

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 2438257 seqs, 184957674 residues

Total number of hits satisfying chosen parameters: 4876514

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:*

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq:*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq:*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*
- 7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/1/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/1/pubpna/US09_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
- 13: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq:*
- 14: /cgn2_6/ptodata/1/pubpna/US10_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq:*
- 17: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
- 18: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	54.4	6.1	1224	14 US-10-203-708-16	Sequence 16, Appl
2	54.4	6.1	1305	14 US-10-203-708-17	Sequence 17, Appl
3	54.4	6.1	1326	12 US-10-257-174-24	Sequence 24, Appl
4	54.4	6.1	1771	15 US-10-120-988-262	Sequence 262, Appl
5	54.4	6.1	1941	15 US-10-458-143-3	Sequence 3, Appl
6	54.4	6.1	3574	14 US-10-247-451-20	Sequence 20, Appl
7	54.4	6.1	3574	15 US-10-247-451-20	Sequence 11, Appl
8	52.6	5.9	2589	14 US-10-342-103-11	Sequence 22, Appl
9	52.6	5.9	2678	14 US-10-342-103-15	Sequence 22, Appl
10	52.4	5.9	462	14 US-10-247-451-22	Sequence 22, Appl
11	52.4	5.9	462	15 US-10-247-451-22	Sequence 22, Appl
12	49.8	5.6	16688	12 US-10-221-714A-277	Sequence 277, Appl
13	49.8	5.6	8420	12 US-10-221-714A-277	Sequence 379, Appl
14	49.6	5.5	3673778	14 US-10-312-814-2	Sequence 2, Appl
15	48	5.4	6030	12 US-10-221-613-309	Sequence 309, Appl

C 16	48	5.4	6030	14 US-10-239-676-163	Sequence 163, Appl
C 17	48	5.4	6030	14 US-10-240-453-185	Sequence 185, Appl
C 18	47.8	5.4	4343	14 US-10-205-219-130	Sequence 130, Appl
C 19	47.2	5.3	367378	14 US-10-312-841-1	Sequence 1, Appl
C 20	46.4	5.2	414	9 US-09-960-352-6528	Sequence 6528, Appl
C 21	46.4	5.2	5204	14 US-10-311-455-873	Sequence 873, Appl
C 22	46.4	5.2	7040	12 US-10-221-714A-161	Sequence 161, Appl
C 23	46.4	5.2	7040	12 US-10-221-714A-161	Sequence 94437, A
C 24	46.2	5.2	284	12 US-10-424-599-94437	Sequence 4829, Appl
C 25	46.2	5.2	491	10 US-09-814-353-4829	Sequence 1116, A
C 26	46.2	5.2	491	10 US-09-814-353-4829	Sequence 20024, A
C 27	45.8	5.2	2535	10 US-09-814-353-20024	Sequence 11311, A
C 28	45.8	5.2	4543	14 US-10-198-846-11311	Sequence 382, Appl
C 29	45.8	5.2	5111	14 US-10-205-823-382	Sequence 99, Appl
C 30	45.8	5.2	5347	14 US-10-240-965-99	Sequence 836, Appl
C 31	45.8	5.2	6132	14 US-10-311-455-836	Sequence 837, Appl
C 32	45.8	5.2	8254	14 US-10-311-455-837	Sequence 198, Appl
C 33	45.6	5.1	6182	14 US-10-311-455-198	Sequence 198, Appl
C 34	45.4	5.1	3935	9 US-09-925-297-141	Sequence 141, Appl
C 35	45.2	5.1	16766	14 US-10-311-455-2130	Sequence 2130, Appl
C 36	45	5.1	1024	12 US-10-142-426-198	Sequence 198, Appl
C 37	45	5.1	1024	14 US-10-123-155-198	Sequence 198, Appl
C 38	45	5.1	1024	14 US-10-146-731-198	Sequence 198, Appl
C 39	45	5.1	1024	14 US-10-140-472-198	Sequence 198, Appl
C 40	45	5.1	1024	14 US-10-141-761-198	Sequence 198, Appl
C 41	45	5.1	1024	14 US-10-142-885-198	Sequence 198, Appl
C 42	45	5.1	1024	14 US-10-158-790-198	Sequence 198, Appl
C 43	45	5.1	1024	15 US-10-137-871-198	Sequence 198, Appl
C 44	45	5.1	1024	15 US-10-140-923-198	Sequence 198, Appl
C 45	45	5.1	1024	15 US-10-141-756-198	Sequence 198, Appl

ALIGNMENTS

RESULT 1
US-10-203-708-16
Sequence 16, Application US/10203708
Publication No. US20030149238A1
GENERAL INFORMATION:
APPLICANT: SMITHKLINE BEECHAM CORPORATION
TITLE OF INVENTION: NOVEL COMPOUNDS
FILE REFERENCE: G950013
CURRENT APPLICATION NUMBER: US/10/203, 708
PRIOR FILING DATE: 2002-08-13
PRIOR APPLICATION NUMBER: PCT/US01/04703
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/182,172
PRIOR FILING DATE: 2000-02-14
PRIOR APPLICATION NUMBER: 60/186,084
NUMBER OF SEQ ID NOS: 46
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 16
LENGTH: 1224
TYPE: DNA
ORGANISM: Homo sapiens
US-10-203-708-16

Query Match 6.1%; Score 54.4; DB 14; Length 1224;
Best Local Similarity 54.5%; Pred. No. 0.00034;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

513 GAGGAGGCTGATGAGGCGCATTCATCAAGCTCTTCGTGTAGATGTTGCGCAG 572
193 GAGGAGGCTGATGAGGCGCATTCATCAAGCTCTTCGTGTAGATGTTGCGCAG 252
573 TGTTAAGATGATCATATTAACCAAGTGTGCGCTTACGACAGATGATGTTGG 632
253 TGTGCGAGATGATGCTCTTACCGAGTGTGCGCTTACCTTACCTGAGTGTG 312
633 TGCCTGATGATGAGGCGGTTAAAGTATCAAGCTTCCATGATTAACGCCCA 692

Db 313 TGTGTACCCCGGATGGAGAGCCCATCATGCTCTTCTGTGAGAAATTAACCTCTGTGA 372
QY 693 TGTAAAGAAAAACACAGTGA 712
373 TGTTCAGGTTTCAGTCAACCA 392

RESULT 2
US-10-203-708-17
; Sequence 17, Application US/10203708
; Publication No. US20030149238A1
; GENERAL INFORMATION:
; APPLICANT: SMITHKLINE BEECHAM CORPORATION
; APPLICANT: SMITHKLINE BEECHAM P.L.C.
; TITLE OF INVENTION: NOVEL COMPOUNDS
; FILE REFERENCE: GP50013
; CURRENT APPLICATION NUMBER: US/10/203,708
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: PCT/US01/04703
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/182,172
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 60/186,084
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 1305
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-203-708-17

Query Match 6.1%; Score 54.4; DB 14; Length 1305;
Best Local Similarity 54.5%; Pred. No. 0.00035;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAAGCTCGAATCAAGCGCATTCAAACAGTCTTGTGTGAGATGTTCTGCCAAG 572
DB 271 GAGCGGCTCAAGCCCTGAGAGCAAGCCCAAGAGCTGTGTGTTGCCAAG 330
QY 573 TGTTAAGATGATCATATATACCCAGTACATGCTGCGCCACAGGATCTGTTGG 632
DB 331 TGTGCGAGATGCTCTTCTTACCCAGGTGATGCTCATCTTACACTGGGTGCTGCG 390
QY 633 TCGTCGATGAAGAGGGGTAAAGGTACAGGTTCCGATGTCAGTTTAAACGCCCA 692
DB 391 TGTGTACCCCGATGGAGAGCCCATCATGAGGCTCTTCTGTGCAAGATTAACCTCTGTGA 450
QY 693 TGTAAAGAAAAACACAGTGA 712
DB 451 TGTTCAGGTTTCAGTCAACCA 470

RESULT 3
US-10-257-174-24
; Sequence 24, Application US/10257174
; Publication No. US20040034194A1
; GENERAL INFORMATION:
; APPLICANT: Agatval, Pankaj
; APPLICANT: Murdoch, Paul R.
; APPLICANT: Riazvi, Safia K.
; APPLICANT: Smith, Randall F.
; APPLICANT: Xiang, Zhaoying
; TITLE OF INVENTION: NOVEL COMPOUNDS
; FILE REFERENCE: GP50022
; CURRENT APPLICATION NUMBER: US/10/257,174
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: PCT/US01/11797
; PRIOR FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 60/196,603
; PRIOR FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/199,417

; PRIOR FILING DATE: 2000-04-24
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 1326
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-257-174-24

Query Match 6.1%; Score 54.4; DB 12; Length 1326;
Best Local Similarity 54.5%; Pred. No. 0.00035;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAAGCTCGAATCAAGCGCATTCAAACAGTCTTGTGTGAGATGTTCTGCCAAG 572
DB 292 GAGCGGCTCAAGCCCTGAGAGCAAGCCCAAGAGCTGTGTGTTGCCAAG 351
QY 573 TGTTAAGATGATCATATATACCCAGTACATGCTGCGCCACAGGATCTGTTGG 632
DB 352 TGTGCGAGATGCTCTTCTTACCCAGGTGATGCTCATCTTACACTGGGTGCTGCG 411
QY 633 TCGTCGATGAAGAGGGGTAAAGGTACAGGTTCCGATGTCAGTTTAAACGCCCA 692
DB 412 TGTGTACCCCGATGGAGAGCCCATCATGAGGCTCTTCTGTGCAAGATTAACCTCTGTGA 471
QY 693 TGTAAAGAAAAACACAGTGA 712
DB 472 TGTTCAGGTTTCAGTCAACCA 491

RESULT 4
US-10-120-988-262
; Sequence 262, Application US/10120988
; Publication No. US20030219745A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Ren, Feiyun
; APPLICANT: Wang, Duntui
; APPLICANT: Dimauc, Radoje T.
; TITLE OF INVENTION: No. US20030219745A1el Nucleic Acids and
; FILE REFERENCE: 802CON
; TITLE OF INVENTION: Polypeptides
; CURRENT APPLICATION NUMBER: US/10/120,988
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 09/774,528
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 441
; SOFTWARE: pt_Fl_genes Version 2.0
; SEQ ID NO 262
; LENGTH: 1771
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (90)..(1397)
US-10-120-988-262

Query Match 6.1%; Score 54.4; DB 15; Length 1771;
Best Local Similarity 54.5%; Pred. No. 0.00041;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAAGCTCGAATCAAGCGCATTCAAACAGTCTTGTGTGAGATGTTCTGCCAAG 572
DB 381 GAGCGGCTCAAGCCCTGAGAGCAAGCCCAAGAGCTGTGTGTTGCCAAG 440
QY 573 TGTTAAGATGATCATATATACCCAGTACATGCTGCGCCACAGGATCTGTTGG 632
DB 441 TGTGCGAGATGCTCTTCTTACCCAGGTGATGCTCATCTTACACTGGGTGCTGCG 500
QY 633 TCGTCGATGAAGAGGGGTAAAGGTACAGGTTCCGATGTCAGTTTAAACGCCCA 692

Db 501 TGTGTACCCCGGATGGGAGCCCATCATGCTCTTCTGTGCAATATAAATCTCTGTA 560
QY 693 TGTAAAGAAAAACACAGTGA 712
Db 561 TGTTCAGGTTTCAGTACCGA 580

RESULT 5

US-10-458-143-3

/ Sequence 3, Application US/10458143
/ Publication No. US2004000950A1
/ GENERAL INFORMATION:
/ APPLICANT: Garcia, Pablo D.
/ TITLE OF INVENTION: SECRETED HUMAN PROTEINS
/ FILE REFERENCE: 1571.003/200130.510
/ CURRENT APPLICATION NUMBER: US/10/458,143
/ PRIOR FILING DATE: 2003-06-09
/ PRIOR APPLICATION NUMBER: PRIOR APPLICATION: US/09/546,309
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 3
/ LENGTH: 1941
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (262)...(1566)
US-10-458-143-3

Query Match 6.1%; Score 54.4; DB 15; Length 1941;
Best Local Similarity 54.5%; Pred. No. 0.00044;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAGCTCGAATCAAGCGCATTCATAACAGCTTTCGTGTAAGTTGCGCCAG 572
Db 553 GAGCGGCTCAAGCCCTGAGAGAGCCAGAGCTGTGTTTCCCAAG 612
QY 573 TGTTAAGATGATCATATPACCAAGTACGCTGCTGCTAGCAGAGTACTGTGG 632
Db 613 TGTGGCAGATGCTCTTACCAAGTCCAGTCCATCTTACCTGGTACTGCTGG 672
QY 633 TCGCTGATGAAGAGGGGTAAAGTACCAAGTCCGATTCAGATTTAAGCCCA 692
Db 673 TGTGTACCCCGATGGAAGCCCATGATGCTCTTCTGTGCAATATAAATCTCTGTA 732
QY 693 TGTAAAGAAAAACACAGTGA 712
Db 733 TGTTCAGGTTTCAGTACCGA 752

RESULT 6

US-10-247-451-20

/ Sequence 20, Application US/10247451
/ Publication No. US20030118579A1
/ GENERAL INFORMATION:
/ APPLICANT: Walker, Michael G.
/ APPLICANT: Krasnow, Randi E.
/ APPLICANT: Murry, Lynn E.
/ TITLE OF INVENTION: SPARC-RELATED PROTEINS
/ FILE REFERENCE: PC-0015-1 CIP
/ CURRENT APPLICATION NUMBER: US/10/247,451
/ PRIOR FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: 09/642,703
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: 09/349,015
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: 09/840,787
/ PRIOR FILING DATE: 2001-04-23
/ PRIOR APPLICATION NUMBER: 6,132,973
/ PRIOR FILING DATE: 2000-10-17
/ PRIOR APPLICATION NUMBER: 5,932,442
/ PRIOR FILING DATE: 1999-08-03

NUMBER OF SEQ ID NOS: 41

SOFTWARE: PERL Program

SEQ ID NO 20

LENGTH: 3574

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: Incyte ID No. US20030118579A1 6899373
US-10-247-451-20

Query Match 6.1%; Score 54.4; DB 14; Length 3574;
Best Local Similarity 54.5%; Pred. No. 0.00062;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAGCTCGAATCAAGCGCATTCATAACAGCTTTCGTGTAAGTTGCGCCAG 572
Db 449 GAGCGGCTCAAGCCCTGAGAGAGCCAGAGCTGTGTTTCCCAAG 508
QY 573 TGTTAAGATGATCATATPACCAAGTACGCTGCTGCTAGCAGAGTACTGTGG 632
Db 509 TGTGGCAGATGCTCTTACCAAGTCCAGTCCATCTTACCTGGTACTGCTGG 568
QY 633 TCGCTGATGAAGAGGGGTAAAGTACCAAGTCCGATTCAGATTTAAGCCCA 692
Db 569 TGTGTACCCCGATGGAAGCCCATGATGCTCTTCTGTGCAATATAAATCTCTGTA 628
QY 693 TGTAAAGAAAAACACAGTGA 712
Db 629 TGTTCAGGTTTCAGTACCGA 648

RESULT 7

US-10-247-451-20

/ Sequence 20, Application US/10247451
/ Publication No. US20040018188A9
/ GENERAL INFORMATION:
/ APPLICANT: Walker, Michael G.
/ APPLICANT: Krasnow, Randi E.
/ APPLICANT: Murry, Lynn E.
/ TITLE OF INVENTION: SPARC-RELATED PROTEINS
/ FILE REFERENCE: PC-0015-1 CIP
/ CURRENT APPLICATION NUMBER: US/10/247,451
/ PRIOR FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: 09/642,703
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: 09/349,015
/ PRIOR FILING DATE: 1999-07-07
/ PRIOR APPLICATION NUMBER: 09/840,787
/ PRIOR FILING DATE: 2001-04-23
/ PRIOR APPLICATION NUMBER: 6,132,973
/ PRIOR FILING DATE: 2000-10-17
/ PRIOR APPLICATION NUMBER: 5,932,442
/ PRIOR FILING DATE: 1999-08-03
/ NUMBER OF SEQ ID NOS: 41
/ SOFTWARE: PERL Program
/ SEQ ID NO 20
/ LENGTH: 3574
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc feature
/ OTHER INFORMATION: Incyte ID No. US20040018188A9 6899373
US-10-247-451-20

Query Match 6.1%; Score 54.4; DB 15; Length 3574;
Best Local Similarity 54.5%; Pred. No. 0.00062;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAGCTCGAATCAAGCGCATTCATAACAGCTTTCGTGTAAGTTGCGCCAG 572
Db 449 GAGCGGCTCAAGCCCTGAGAGAGCCAGAGCTGTGTTTCCCAAG 508

QY 573 TGTAGAGATGATCATATTAACCCAGTAAGTGTGCTTACGACAGATCTGTGG 632
DB 509 TGTGGGAGATGATGCTCTTATCCAGGTGACGTGCATCTTACACTGGGTACTGCTGG 568
QY 633 TGGGTGATGAGAGAGGGGTAAAGGTACAGGTTCCAGTGTCAATTTAAAGCCCA 692
DB 569 TGTGTCAACCCGAGTGGAGGCCATCACTGCTCTTCTGTGCAATTAATACTCTGTA 628
QY 693 TGGTAAAGAAAACACAGTGA 712
DB 629 TGTTCAGTTTCAGTCCGCA 648

RESULT 8

US-10-342-103-11
; Sequence 11, Application US/10342103
; Publication No. US20030148359A1
; GENERAL INFORMATION:
; APPLICANT: Moczydlowski et al.
; TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD
; FILE REFERENCE: YU-P01-009
; CURRENT APPLICATION NUMBER: US/10/342,103
; PRIOR FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 60/346086
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 2589
; TYPE: DNA
; ORGANISM: Rana catesbeiana
US-10-342-103-11

Query Match 5.9%; Score 52.6; DB 14; Length 2589;
Best Local Similarity 64.2%; Pred. No. 0.0016;
Matches 79; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 145 TGATAGTACTTATGTACCAATGCAAGAAACGGAGAGTTGAAAGAAAACAATGCT 204
DB 365 TGATGTCTATTTATTTCCACATGTGATGAAAAGGGCAATTACCAACCAAGAGTCC 424
QY 205 GGGGATGCACTGTTACTGTGTGTGTGATGATGAAGTGAAGAAAGATTCTAGAACCA 264
DB 425 ATGGGACGACGTGGGCACTGCTGTGTGTAAAGCAATGGGTGAAGAAATTTCTGGAACA 484
QY 265 AGA 267
DB 485 ATA 487

RESULT 9

US-10-342-103-15
; Sequence 15, Application US/10342103
; Publication No. US20030148359A1
; GENERAL INFORMATION:
; APPLICANT: Moczydlowski et al.
; TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD
; FILE REFERENCE: YU-P01-009
; CURRENT APPLICATION NUMBER: US/10/342,103
; PRIOR FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 60/346086
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 2678
; TYPE: DNA
; ORGANISM: Rana catesbeiana
US-10-342-103-15

Query Match 5.9%; Score 52.6; DB 14; Length 2678;
Best Local Similarity 64.2%; Pred. No. 0.0016;
Matches 79; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 145 TGATAGTACTTATGTACCAATGCAAGAAACGGAGAGTTGAAAGAAAACAATGCT 204
DB 388 TGATGTCTATTTATTTCCACATGTGATGAAAAGGGCAATTACCAACCAAGAGTCC 447
QY 205 GGGGATGCACTGTTACTGTGTGTGTGATGAAGATGAAAAGATTCTAGAACCA 264
DB 448 ATGGGACGACGTGGGCACTGCTGTGTGTAAAGCAATGGGTGAAGAAATTTCTGGAACA 507
QY 265 AGA 267
DB 508 ATA 510

RESULT 10

US-10-247-451-22
; Sequence 22, Application US/10247451
; Publication No. US20030118579A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael G.
; APPLICANT: Krausow, Randi E.
; APPLICANT: Murry, Lynn E.
; TITLE OF INVENTION: SPARC-RELATED PROTEINS
; FILE REFERENCE: PC-0015-1 CIP
; CURRENT APPLICATION NUMBER: US/10/247,451
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 09/642,703
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 09/349,015
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: 09/840,787
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: 6,132,973
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 5,932,442
; PRIOR FILING DATE: 1999-08-03
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PERL Program
; SEQ ID NO 22
; LENGTH: 462
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030118579A1 6898356H1
US-10-247-451-22

Query Match 5.9%; Score 52.4; DB 14; Length 462;
Best Local Similarity 63.5%; Pred. No. 0.00068;
Matches 80; Conservative 0; Mismatches 46; Indels 0; Gaps 0;

QY 513 GAGGAGCTCGAATCAAGGCGCATTCAAACAGTCTTGTGTGAGATGTTGTGCGCAGAG 572
DB 161 GAGCGGCTCAAGCCCTTGAGCAAGCAAGAGCCTGAGAACTGTGTGTCGAGAG 220
QY 573 TGTTAGAATGATCATATTAACCCAGTACGTGCTGTGCTGCTGACGAGATCTGTGG 632
DB 221 TGTGGCAGAGATGGCTCTTATCCAGGTGACGTGCCATTAATTAACCTGGTACTGCTGG 280
QY 633 TGGCTC 638
DB 281 TGTGTC 286

RESULT 11

US-10-247-451-22
; Sequence 22, Application US/10247451
; Publication No. US20040018188A9
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael G.
; APPLICANT: Krausow, Randi E.
; APPLICANT: Murry, Lynn E.
; TITLE OF INVENTION: SPARC-RELATED PROTEINS

FILE REFERENCE: PC-0015-1 CIP
CURRENT APPLICATION NUMBER: US/10/247,451
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 09/642,703
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 09/349,015
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: 09/840,787
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 6,132,973
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 5,932,442
PRIOR FILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PERL Program
SEQ ID NO 22
LENGTH: 462
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20040018188A9 6898356H1
US-10-247-451-22

Query Match
Best Local Similarity 5.9%; Score 52.4; DB 15; Length 462;
Matches 80; Conservative 0; Mismatches 46; Indels 0; Gaps 0;
QY 513 GAGGAAGCTCGAATCAAGGCGCATTCAAACGCTTCGTGTGAGATTCGGGCAAG 572
DB 161 GAGCGGCTCAAGCCTCGAGCAAGCCCTCAGGAAAGCTGTGTGCTCCAGAG 220
QY 573 TCTTAGAAGTGTGATCATATATACCCAGTACAGTGTGGCTTACAGAGATCTGTGG 632
DB 221 TGTGGCGAGATGCTCTTATACCCAGTSCAGTGCATATCTGAGTACTGCTGG 280
QY 633 TCGCTC 638
DB 281 TGTGTC 286

RESULT 12
US-10-221-714A-277/c
Sequence 277, Application US/10221714A
Publication No. US20040048254A1
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with
FILE REFERENCE: tumor suppressor genes and oncogenes
FILE REFERENCE: 5013.1005
CURRENT APPLICATION NUMBER: US/10/221,714A
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: PCT/EP01/02955
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: DE 10013847.0
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 540
SEQ ID NO 277
LENGTH: 16688
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

US-10-221-714A-277
Query Match
Best Local Similarity 5.6%; Score 49.8; DB 12; Length 16688;
Matches 114; Conservative 0; Mismatches 107; Indels 0; Gaps 0;
QY 668 CGAGTGCAGTTTAAAGCCCGACATGCTAGAAAAACACAGTGAACAAAGGCTAGT 727
DB 3961 CGACAAAACTTAAACGCTTAAAAATTAACCAATTAATTAATCTTACTTCTA 3902
QY 728 TCCAGATCAAAAAATACAAAGATTAATTAATGTTAAATTTCTAATTGAGC 787
DB 3901 AATACTAAACCTTAAATCTAAAAACCGGAAAAATTAAGAAACGCTAAAGGCC 3842
QY 788 TGTGATTAATTTTTCAGATTAATTTAATCTGATGATGATGAGAAAAATCTCA 847
DB 3841 ATTAAAAATTTTCCAAAAATTAATTAACGAAAAATTAATTAATTAATTA 3782
QY 848 CTGAAATTAACATCACTGCTATATGACAAAAATTAATTAATTAATTAATTA 888
DB 3781 CTAAAAAAACGAAATTCGTATCACTTAAATTAATTAATTAATTAATTA 3741

RESULT 13
US-10-221-714A-379/c
Sequence 379, Application US/10221714A
Publication No. US20040048254A1
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with
FILE REFERENCE: tumor suppressor genes and oncogenes
FILE REFERENCE: 5013.1005
CURRENT APPLICATION NUMBER: US/10/221,714A
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: PCT/EP01/02955
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: DE 10013847.0
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 540
SEQ ID NO 379
LENGTH: 8420
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-221-714A-379

Query Match
Best Local Similarity 5.6%; Score 49.6; DB 12; Length 8420;
Matches 103; Conservative 0; Mismatches 89; Indels 0; Gaps 0;
QY 697 AAGAAAAACAGTGAACAAAGTGGCTAGTTCCAGATCGAAATTAATCAAGAGATTA 756
DB 7492 AAAAAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 7433
QY 757 AATAAATGTTAAATTAATTTCTCAATTCGGCTGTGATATATTTTTCAGATTAATTA 816
DB 7432 AAAAAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 7373
QY 817 TCTGATGATGTTAAACAGAAACATCTCACTAGAAATTAAGCTAGAGTAAATGAC 876
DB 7372 AAAAAATTAACAAACAAAAAATTAATTAATTAATTAATTAATTAATTAATTA 7313

QY 877 AAAAAAAAAA 888
 Db 7312 AAAAACTACAA 7301

RESULT 14

US-10-312-841-2/c
 ; Sequence 2, Application US/10312841
 ; Publication No. US20030186277A1
 ; GENERAL INFORMATION:

APPLICANT: Epigenomics AG

TITLE OF INVENTION: Diagnose von bedeutenden genetischen Parametern innerhalb des MHC

FILE REFERENCE: E01/1208/MO

CURRENT APPLICATION NUMBER: US/10/312,841

CURRENT FILING DATE: 2002-12-30

NUMBER OF SEQ ID NOS: 2

SEQ ID NO 2

LENGTH: 3673778

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

NAME/KEY: unsure

LOCATION: (379615)

US-10-312-841-2

Query Match
 Best Local Similarity 5.5%; Score 49; DB 14; Length 3673778;
 Matches 103; Conservative 0; Mismatches 90; Indels 0; Gaps 0;

QY 696 TAAAGAAACACAGTGAACAAAGTGGCTACTTTCCAGATCCAAATTAATCTACAAAGATT 755
 Db 1328584 TACTCAAAATCCAAAAACACACTTTAAAAACCACTAATCAAAATTAACCACTA 1328525

QY 756 AATAAATGTTAAATTAATTCATTCAGCTGATATATTTTCCAGATATTTA 815
 Db 1328524 TACAAAAAATAAACTTTCTTCTTCTATCTAATTAATTAATTAATTAATTAAT 1328465

QY 816 ATCTGATGTAGTTAAACAGAAACATCTCACTAGAAATTAAGACTAGCGTAATATGA 875
 Db 1328464 AATCCCTTAATCTAATAATTAACAAATTTAACTTTAAAAAATACTCTTAAAAAAA 1328405

QY 876 CAAAAAAAAA 888
 Db 1328404 AAAAAATAAAAA 1328392

RESULT 15
 US-10-221-613-309/c
 ; Sequence 309, Application US/10221613
 ; Publication No. US20040029123A1
 ; GENERAL INFORMATION:

APPLICANT: OLEK, Alexander
 APPLICANT: PIEPENBROCK, Christian

TITLE OF INVENTION: Diagnosis of Diseases Associated with Cell Cycle

FILE REFERENCE: 5013.1004

CURRENT APPLICATION NUMBER: US/10/221,613

CURRENT FILING DATE: 2002-09-13

PRIOR APPLICATION NUMBER: PCT/EP01/02945

DE 10013847.00

DE 10019058.8

DE 10019173.8

DE 10032529.7

DE 10043826.1

DE 10043826.1

DE 10043826.1

DE 10043826.1

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DE 10043826.1

DE 10043826.1

DE 10043826.1

DE 10043826.1

SEQ ID NO 309
 LENGTH: 6030
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 FEATURE:
 NAME/KEY: unsure
 LOCATION: (576)
 US-10-221-613-309

Query Match
 Best Local Similarity 5.4%; Score 48; DB 12; Length 6030;
 Matches 111; Conservative 0; Mismatches 105; Indels 0; Gaps 0;

QY 673 TCGATTTAAACGCCCCACATGCTAAGAAAAACACAGTGAACAAAGTGGCTAGTTCCAG 732
 Db 5607 TACATTTTCAAAACCAATCTTTTAAAAAATTAATTAATTAATTAATTAATTAAT 5548

QY 733 ATCGAAATTAATCAACAAAGATTAATAAATGTTAAATTAATTTCTCAATTCGGCTGGA 792
 Db 5547 ACACCTAATAAACTAAATATTTTCAATTAATTAATTAATTAATTAATTAATTAAT 5488

QY 793 TATATTTTTCAGATTAATTAATCTGATGTAGTTAAGAAAAACATCTCACTAGA 852
 Db 5487 AATATTTTCTATTAACAAATTTTAAAAATTTTCGTAATTAATTAATTAATTAATTAAT 5428

QY 853 AATAAAGCTACGGTAAATGACAAAAA 888
 Db 5427 AACAAACTATTTTATTAATCTACAAAAA 5392

Search completed: March 23, 2004, 04:30:48
 Job time : 465 secs

6.4%; Score 57; DB 1; Length 7218;

Query Match	6.18%	Score 54.4	DB 4	Length 3574
Best Local Similarity	54.5%	Pred. No. 3.3e-06		
Matches 109	Conservative	0	Mismatches 91	Indels 0
				Gaps 0
Qy	513	GAGGAAGTCGATCAAGGCGCATTCMAACAGTCTTCGTGTGATGATGTTCTGTCAGAG	572	
Db	449	GAGCGGGTCAACCCCTGTAGACCAAGCAAGAGCCTTAGAGAGCTGTGTTGTTCACAG	508	
Qy	573	TGTTTGAAGATGATCATATTAACCGATACAGTGGCGTAGACAGGATATCTGTGG	632	
Db	509	TGTGGCGAGATGTGCTCTTACCCAGGTGCAGTGCACATTAACATGGGTACTGTGG	568	
Qy	633	TGTGTCATGAAAGAGGGGTAAAGTACCAAGTTCCGATGTCAATTTAAAGCCCCCA	692	
Db	569	TGTGTACCCCGATGGAGAGCCCATGATGTGCTCTTCTGTCAATAAAACCTCTGTA	628	
Qy	693	TGCTAAGAAAAACACAGTGA	712	

```

RESULT 4
US-10-204-708-65/C
; Sequence 65, Application US/10204708
; Patent No. 6677731
; GENERAL INFORMATION:
; APPLICANT: OLEK, Alexander
; APPLICANT: PIEPENROCK, Christian
; APPLICANT: BERLIN, Kurt
; TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
; TITLE OF INVENTION: By Assessing DNA Methylation
; FILE REFERENCE: 5013.1012
; CURRENT APPLICATION NUMBER: US/10/204,708
; CURRENT FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: PCT/EP01/03971
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: DE 10019058.8
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: DE 10019173.8
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 10032529.7
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: DE 10043826.1
; PRIOR FILING DATE: 2000-09-01
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 65
; LENGTH: 5360
; TYPE: DNA
; ORGANISM: Artificial Sequence

```


FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-204-708-65

Query Match
Best Local Similarity 5.1%; Score 45; DB 4; Length 5360;
Matches 99; Conservative 0; Mismatches 90; Indels 0; Gaps 0;

QY 700 AAAACACGTAAGGCGCTTCCAGATCGAATAATACCAAGATTAATA 759
DB 1841 AAAAATATTTAAAAACAATACACACTACCAAAATATAACACTATACACACAC 1782
QY 760 AAATGTTAAATATTTCTCAATTCGCGTGATATATTTTCCAAATATTTAATCT 819
DB 1781 AAAAATACCAAAATCTCTATACATTTAAAAATATTTTCCAAATATATTTAAT 1722
QY 820 GCATGTATTAACGAAACCAATCTCAATTAATAAGATACGTAATATATGCAAA 879
DB 1721 AAAAATACCAAAATATATCTCAATTTACTACTTTCTTATACAAAAA 1662
QY 880 AAAAAA 888
DB 1661 AAAAAA 1653

RESULT 5
US-09-621-976-18033/C
Sequence 18033, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Mline Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621.976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.ppt
SEQ ID NO 18033
LENGTH: 474
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 16
OTHER INFORMATION: n=a, y, c or t
US-09-621-976-18033

Query Match
Best Local Similarity 17.6%; Pred. No. 0.012;
Matches 79; Conservative 162; Mismatches 208; Indels 1; Gaps 1;

QY 4 TGGCTTTAGCCAAACCAAGCTTTCCAAAGATTCGTGCGATGTTGGGTAC 63
DB 451 KGSCTVMAAGRWYCYCMRMTKGCATCCCAAGTGCCTGATTAACAGACACA 392
QY 64 TATTCATGCTGTCTCTTAATCTCACTGAAGTCTCAACAATGCCACAGCTCC 123
DB 391 TTTTCACAGMAGTWTWAMCYTTTMMKMMWYTTKRRMRGKMTCTTAKSKCYM 332
QY 124 AGGCTCGCTACAGTGTCTGATAGTACTATATGACCAAGCAAGCAAGAGGAG 183
DB 331 YSRMKKKGRAAATYRRGKTYRRAARMTWARRAMTWTWYWKSGCMWRSMWRMRK 272
QY 184 AGTTCAAGAAAAACAATGCTGGGATCGACTGTGA-CTGTGCTGTGATGAGAT 242
DB 271 YMKCCYMMWRKYCMRKRKRKRKRKRKRKRKRKRKRKRKRKRKRKRKRKRKRKR 212
QY 243 GGAAGAAGATTTTGAACAACAAGATCGTGAATCTCCGATTTGACCGCAGAAAAAGC 302
DB 211 KGRRAMTTTTYKKR 152

QY 303 GCGTAACTACTTCCAGATGATGACCATCATTTGTAATGTCCTGTGTGTGTCG 362
DB 151 SCCMAKKGSSGGRYMWKRGTCMRGRBRMYRRMCMYCTKSGMAAMMSGKKRAM 92
QY 363 CCTCATCGTGTAAAGCTGACGCGAGTTTGGACGAGTTCCTGCTCCGAGTAAATGA 422
DB 91 CCCSKYYTTCMCAAAMWTTAAAAAMMRSGSKKRGKSGSKGSKGSKGSKGSKGSK 32
QY 423 GAATGCTACTGTGTGATTAAGAAAAA 452
DB 31 CWRSYMYTGRGRGRCRGRSGRSGAGAA 2

RESULT 6
US-09-751-389-3
Sequence 3, Application US/09751389
Patent No. 6630334
GENERAL INFORMATION:
APPLICANT: GUEGLER, Karl et al
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
FILE REFERENCE: CLO01067
CURRENT APPLICATION NUMBER: US/09/751.389
CURRENT FILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 786431
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(786431)
OTHER INFORMATION: n = A,T,C or G
US-09-751-389-3

Query Match
Best Local Similarity 4.5%; Score 40.4; DB 4; Length 786431;
Matches 103; Conservative 0; Mismatches 81; Indels 4; Gaps 1;

QY 673 TCAGATTTAAAGCCGCCACATGCTAGAAACACAGTGAACAAGTGGCTTCAG 732
DB 609446 TCATTTTAAAGACCTCACTAATGTAATAAGACAAAATATGACGACTAATTTCTT 609505
QY 733 ATCGAAATA-----ACTACAAAGATTATTAATAATTTCAATTCGCT 788
DB 609506 AAAACAATATATATGATTAATAAGAAATATATATTTTCACTAGTACCA 609565
QY 789 GTGATATATTTTCCAAATATTTAATCTGATGATGATTAACGAAACAATCTCAAC 848
DB 609566 GTGATATATTAATTAACCAAAATTAACGAAAGTTTGAATATATAGACTGGGAC 609625
QY 849 TAGAATA 856
DB 609626 TCCAAAA 609633

RESULT 7
US-10-204-708-60/C
Sequence 60, Application US/10204708
Patent No. 6677731
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIERENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
TITLE OF INVENTION: by Assessing DNA Methylation
FILE REFERENCE: 5013.1012
CURRENT APPLICATION NUMBER: US/10/204.708
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: PCT/EP01/03971
PRIOR FILING DATE: 2001-04-06

PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 60
LENGTH: 6156
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-204-708-60

Query Match 4.5%; Score 40.2; DB 4; Length 6156;
Best Local Similarity 49.8%; Pred. No. 0.084; Indels 0; Gaps 0;
Matches 102; Conservative 0; Mismatches 103;
DB 4966 ATACATCTCAACACACACATATATATCGAATTTACTTATTTCTTAA 4907
CY 741 TACTACAAAGATTATTAATGTTAAATTTCTCAATTCGGCTGTATATTT 800
DB 4906 TACATTAACCATTAATTTATTTTATTTTCAACCAATTTCTTAATACCT 4947
CY 801 TTCCAGTATTTATTCGATGATGATGATGATGATGATGATGATGATGAT 860
DB 4846 CACGTAAATAATTTAAAAACCAACTTAAAAAATTCCTTAATTTTAA 4787
CY 861 CTACGGTATATGACAAAAA 885
DB 4786 TTACTTTTACATATTAATAAAAA 4762

RESULT 8

US-10-204-708-10/c

Sequence 10, Application US/10204708

Patent No. 6677731

GENERAL INFORMATION:

APPLICANT: OLEK, Alexander

APPLICANT: PIEPENBROCK, Christian

APPLICANT: BERLIN, Kurt

TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication

TITLE OF INVENTION: by Assessing DNA Methylation

FILE REFERENCE: 5013.1012

CURRENT APPLICATION NUMBER: US/10/204,708

CURRENT FILING DATE: 2003-05-06

PRIOR APPLICATION NUMBER: PCT/EP01/03971

PRIOR FILING DATE: 2001-04-06

PRIOR APPLICATION NUMBER: DE 10019058.8

PRIOR FILING DATE: 2000-04-06

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07

PRIOR APPLICATION NUMBER: DE 10032529.7

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: DE 10043826.1

PRIOR FILING DATE: 2000-09-01

NUMBER OF SEQ ID NOS: 98

SEQ ID NO 10

LENGTH: 6070

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

US-10-204-708-10

Query Match 4.5%; Score 40; DB 4; Length 6070;
Best Local Similarity 53.9%; Pred. No. 0.095;
Matches 82; Conservative 0; Mismatches 70; Indels 0; Gaps 0;

DB 737 AAAAATCTACAAAGATTATTAATGTTAAATTTCTCAATTCGGCTGTATATA 796
DB 1849 AATTTCCACAAATATTAATTAATTAATTAATTAATTAATTAATTAATTA 1790
CY 797 TTTTTCACAAAGATTATTAATTCGATGATGATGATGATGATGATGATGAT 856
DB 1789 TTTTATTTTAAATTAATTTTTCACACACAAAAAATTAATTAATTAATTA 1730
CY 857 AAGACTACGATTAATTAATGCAAAAAA 888
DB 1729 AAAAAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1698

RESULT 9

US-08-617-860B-32/c

Sequence 32, Application US/08617860B

Patent No. 6133506

GENERAL INFORMATION:

APPLICANT: Twifler, R., Baulor, J., Bothmann, H., Filsak, E.,

APPLICANT: Hviricko-Grandpierre, C., Klein, B., Martin, N.,

APPLICANT: M. Iler, A., Schulte, W., Voeltz, M., Malek, J.,

APPLICANT: Schell, J., Promoters

TITLE OF INVENTION: Promoters

NUMBER OF SEQUENCES: 35

CORRESPONDENCE ADDRESS:

ADDRESSEE: Steinberg, Raikin & Davidson, P.C.

STREET: 1140 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM: Diskette, 3.50 inch, 1.4 Mb storage

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/617,860B

FILING DATE: 01-MAR-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/EP94/02950

FILING DATE: 05-SEP-1994

APPLICATION NUMBER: DE P4329951.2

FILING DATE: 04-SEP-1993

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:

LENGTH: 1850 Base pairs

TYPE: Nucleic acid

STANDARDNESS: Double stranded

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Cuphea lanceolata

IMMEDIATE SOURCE:

LIBRARY: genomic Lambda FIX II

CLONE: CITEg1

FEATURE:

NAME/KEY: CAT-Signal

LOCATION: 1428..1432

FEATURE:

NAME/KEY: TATA-Signal

LOCATION: 1553..1556

FEATURE:

NAME/KEY: Transcription start

LOCATION: 1585

FEATURE:

NAME/KEY: Legumainbox

LOCATION: 1642..1657

FEATURE:

NAME/KEY: Startcodon

[REDACTED]

APPLICANT: SAKAKI, YOSHIYUKI
TITLE OF INVENTION: GENOME DNA OF BACTERIAL SYMBIONT OF APHIDS

```

, RESULT 14
, US-09-489-847-89
, Sequence 89, Application US/09489847
, Patent No. 6476195
, GENERAL INFORMATION:
, APPLICANT: Rosen et al
, TITLE OF INVENTION: 98 Human Secreted Proteins
, FILE REFERENCE: P0031P1
, CURRENT APPLICATION NUMBER: US/09/489,847
, CURRENT FILING DATE: 2000-01-24

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EARLIER APPLICATION NUMBER: PCT/US99/17130
EARLIER FILING DATE: 1999-07-29
EARLIER APPLICATION NUMBER: 60/094,657
EARLIER FILING DATE: 1998-07-30
EARLIER APPLICATION NUMBER: 60/095,486
EARLIER FILING DATE: 1998-08-05
EARLIER APPLICATION NUMBER: 60/096,319
EARLIER FILING DATE: 1998-08-12
EARLIER APPLICATION NUMBER: 60/095,454
EARLIER FILING DATE: 1998-08-06
EARLIER APPLICATION NUMBER: 60/095,455
EARLIER FILING DATE: 1998-08-06
NUMBER OF SEQ ID NOS: 376
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 89
LENGTH: 1342
TYPE: DNA
ORGANISM: Homo sapiens
US-09-489-847-89

Query Match
Best Local Similarity 4.3%; Score 38.4; DB 4; Length 1342;
Matches 75; Conservative 0; Mismatches 61; Indels 0; Gaps 0;

QY 753 ATTAATAAATGTTAAATAATTTCTCAATCGCTGTGATATTTTTCAGATTAAT 812
DB 1205 ATTGTAATGTTAAATTTTATATCTGTAATTAATTAATTTTCCAAAAA 1264
QY 813 TTAATCGATGATGTTAAACAGAAACATCTCACTAGAAATTAAGCTACGATTA 872
DB 1265 AA 1324
QY 873 TGACAAAAA 888
DB 1325 AAAAAAAAAAAAAAAAAA 1340

RESULT 15
US-10-204-708-55/c
Sequence 55, Application US/10204708
Patent No. 6677731
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
FILE REFERENCE: 5013.1012
CURRENT APPLICATION NUMBER: US/10/204,708
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: PCT/EP01/03971
PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 55
LENGTH: 11015
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Chemically treated genomic DNA (Homo sapiens)
US-10-204-708-55

Query Match
Best Local Similarity 4.3%; Score 38.4; DB 4; Length 11015;
Matches 102; Conservative 0; Mismatches 106; Indels 0; Gaps 0;

QY 679 TTAACGCCCATCTTAAGAAAAACAGTGAACAAAGTGGCTAGTTCCAGATCGAA 738
DB 5930 TCAAAATCAATCATTCGATTAACAAACAAACTAATCTAATCCCAACCTTA 5871
QY 739 AATACTACAAAGATTTAATAATGTTAAATTTCTCAATTCGCTGTGATTAAT 798
DB 5870 CGGATTTACTTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 5811
QY 799 TTTTCAAGATTAATTAATCTGATGATTAACAGAAACATCTCACTGAAATTA 858
DB 5810 AACTATACACAAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 5751
QY 859 GACTACGTAATTAATGAACAAAAA 886
DB 5750 TACCAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 5723

Search completed: March 23, 2004, 02:48:29
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